[illegible]AlphaGo[illegible]AlphaGo[illegible]AlphaGo[illegible]reinforcement[illegible]deep-learning[illegible]

AlphaGo[illegible](intuition)[illegible]reinforcement[illegible]deep-learning[illegible]AlphaGo[illegible]

[illegible]Dialogue Concerning the Two Chief Word Systems[illegible]

[illegible]Deepmind[illegible]AlphaGo Zero[illegible]superman[illegible]

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https://groups.yahoo.com/neo/groups/SJTU-SV/conversations/messages/11564

Sent: Wednesday, October 18, 2017 11:22 PM

To: davidsilver@google.com; demishassabis@google.com

Cc: gulifan06@yahoo.com; SJTU-SV@yahoogroups.com

Subject: [SJTU-SV] Concerning the AlphaGo Zero Paper on Nature Magazine

Dr. Hassabis and Dr. Silver,

I saw the AlphaGo Zero paper for Nature, which claims "AlphaGo Zero achieved superhuman performance". Unfortunately, this has not been proved. Please let Nature magazine know that they published a paper without proving it first.

Defeating other versions of AlphaGo does not mean AlphaGo Zero achieved superhuman performance, because all versions of AlphaGo could share the same weakness of AI.

The earlier versions of AlphaGo have not been proved by scientific experiments yet. The earlier games with humans are just empirical tests, not scientific experiments.

Scientific experiments should been done with strictly controlled conditions. If you agree to do scientific experiments with AlphaGo, I could publish my conditions and procedures.

Also, using the algorithms similar to AlphaGo to solve other problems, does not mean AlphaGo has general-purposed intelligence. Some computer systems before AlphaGo already could solve several kinds of problems. "General purpose" in AI has
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a quite different meaning.

I CCed this email to SJTU-SV list, because scientific research is a public issue.

I got your email addresses from the public site: https://gogameguru.com/i/2016/03/deepmind-mastering-go.pdf.

Please also let Aja Huang know these, because he is a main contributor. Anyway, congratulation to AlphaGo team for your previous achievements !

Best Regards,

Lifan Gu